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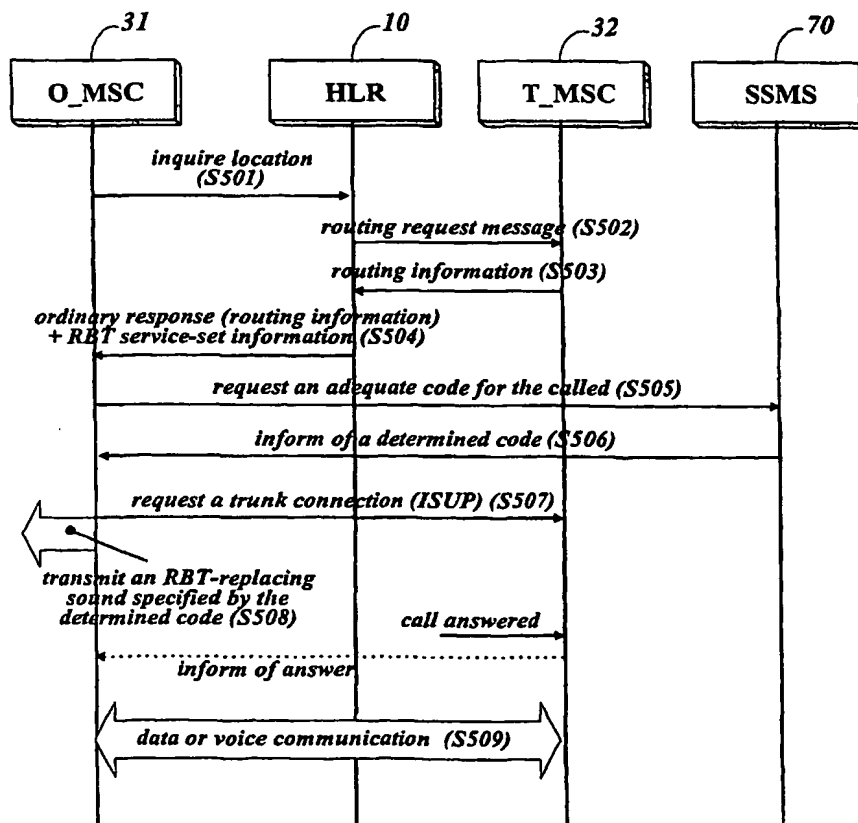
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[Continued on next page]

(54) Title: METHOD FOR PROVIDING A SUBSCRIBER-BASED RINGBACK TONE SOUND STORED IN A MOBILE EX-
CHANGER



(57) Abstract: The present invention relates to a method for providing a caller with an arbitrary sound pre-stored in an exchanger that is chosen by a called subscriber instead of a conventional RBT (RingBack Tone). The present method comprises: a first step, conducted by an HLR (Home Location Register) when a location request message is received from a call-originating exchanger because of call connection request to a terminal, of furnishing a call-terminating exchanger with information on whether or not an RBT is to be replaced for the terminal through a routing information request message that is sent to the call-terminating exchanger; and a second step, conducted by the call-terminating exchanger when a trunk connection request from a call-originating exchanger is recognized, of searching for a sound code assigned to the terminal based on the information, and providing a caller with a pre-stored RBT-replacing sound associated with the found sound code as an RBT.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2000-000244 A (PARK, JONG-HYUN) 15 JANUARY 2000, see whole description.	1-3
A	KR 2001-108937 A (CHAE KYUNG-MIN) 08 DECEMBER 2001, see whole description.	1-3
A	KR 2000-30035 A (KIM KANGSUK) 05 JUNE 2000, see whole description.	1-3
A	KR 2000-55316 A (YOON SEOK KYU) 05 SEPTEMBER 2000, see whole description.	1-3
A	US 5926537 A (ERICSSON INC.) 20 JULY 1999, see abstract, whole description.	1-3
A	JP 2001-106685 A2 (NTT MOBIL COMMUNICATION NETWORK INC.) 11 APRIL 2000, see abstract.	1-3
A	JP 2000-50347 A2 (NEC CORP.) 18 FEBRUARY 2000, see abstract	1-3
A	WO 2000-42763 A1 (KIM, KANGSUK) 24 AUGUST 2000, see whole document	1-3
A	KR 2002-39501 A (LG ELECTRONICS INC.) 27 MAY 2002, see whole description	1-3

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☐ See patent family annex.

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